

What is claimed is:

1. A fuel cell system comprising:
a fuel cell arrangement and
an injector for returning exhaust gas of the fuel cell arrangement, the injector including,
a fuel inlet opening,
a following nozzle,
a following diffuser having an outlet opening,
a chamber between the nozzle and an entry area of the diffuser, and
an intake opening for feed of anode exhaust gas from the fuel cell arrangement to the chamber,

wherein within the chamber in an area adjacent the entry area of the diffuser a slide is provided which is movable from a first slide position permitting the passage of the fuel from the nozzle to the outlet opening and a second slide position preventing the passage of fuel from the nozzle to the outlet opening.

2. A fuel cell system comprising
a fuel cell arrangement,
a reformer for reforming a liquid or gaseous fuel into a fuel-containing gas,
an injector for returning anode exhaust gas to the reformer, the injector including
an inlet opening,
a following nozzle,
a following diffuser having an outlet opening,
a chamber formed between the nozzle and an entry area of the diffuser and
an intake opening for feeding of anode exhaust gas of the fuel cell arrangement to the chamber,

wherein a slide is provided within the chamber in an area adjacent the entry area of the diffuser, the slide being movable from a first slide position permitting fuel to pass from the nozzle to the outlet opening and a second slide position preventing fuel from passing from the nozzle to the outlet opening.

3. The fuel cell system of claim 1, wherein the intake opening is connected to both an anode exhaust of the fuel cell arrangement and a burner to enable diverting the fuel when the slide is in the second slide position.

4. The fuel cell system of claim 2, wherein the intake opening is connected to both an anode exhaust of the fuel cell arrangement and a burner to enable diverting the fuel when the slide is in the second slide position.

5. The fuel cell system of claim 1, wherein the slide is movable to intermediate positions between the first and the second slide positions such that the diffuser geometry in an area adjacent the entry area of the diffuser can be changed.

6. The fuel cell system of claim 2, wherein the slide is movable to intermediate positions between the first and the second slide positions such that the diffuser geometry in an area adjacent the entry area of the diffuser can be changed.

7. The fuel cell system of claim 3, wherein the slide is movable to intermediate positions between the first and the second slide positions such that the diffuser geometry in an area adjacent the entry area of the diffuser can be changed.

8. The fuel cell system of claim 4, wherein the slide is movable to intermediate positions between the first and the second slide positions such that the diffuser geometry in an area adjacent the entry area of the diffuser can be changed.